

Veriton Series

User's Guide

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Veriton Series User's Guide
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Record the model number, serial number, purchase date, and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number, and purchase information.

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Veriton Series Desktop Computer

Model number: _____

Serial number: _____

Purchase date: _____

Place of purchase: _____

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Information for your safety and comfort

Safety instructions

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

Turning the product off before cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

CAUTION for plug as disconnecting device

Observe the following guidelines when connecting and disconnecting power to the power supply unit:

Install the power supply unit before connecting the power cord to the AC power outlet.

Unplug the power cord before removing the power supply unit from the computer.

If the system has multiple sources of power, disconnect power from the system by unplugging all power cords from the power supplies.

CAUTION for Accessibility

Be sure that the power outlet you plug the power cord into is easily accessible and located as close to the equipment operator as possible. When you need to disconnect power to the equipment, be sure to unplug the power cord from the electrical outlet.

Warnings

- Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
- Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.
- To avoid damage of internal components and to prevent battery leakage,

do not place the product on a vibrating surface.

- Never use it under sporting, exercising, or any vibrating environment which will probably cause unexpected short current or damage rotor devices, HDD, Optical drive, and even exposure risk from lithium battery pack.
- Keep the product at least 15 cm away from the wall for sufficient ventilation.

Safe Listening

Follow these instructions, suggested by hearing experts, to protect your hearing.

- Gradually increase the volume until you can hear it clearly and comfortably and without distortion.
- After setting the volume level, do not increase it after your ears adjust.
- Limit the amount of time listening to music at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

Using electrical power

- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.
- If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip's input rating.
- This product's power supply is equipped with a three-wire grounded plug. The plug only fits in a grounded power outlet. Make sure the power outlet is properly grounded before inserting the power supply plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.



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Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.



Note: The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

- Use the product only with the supplied power supply cord set. If you need to replace the power cord set, make sure that the new power cord meets the following requirements: detachable type, UL listed/CSA certified, type SPT-2, rated 7 A 125 V minimum, VDE approved or its equivalent, 4.6 meters (15 feet) maximum length.

Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions



Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

Telephone line safety

- Disconnect all telephone lines from the equipment when not in use and/or before servicing.
- To avoid the remote risk of electric shock from lightning, do not connect the telephone line to this equipment during lightning or thunderstorms.



Warning! For safety reasons, do not use non-compliant parts when adding or changing components. Consult your reseller for purchase options.

Additional safety information

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

Operating environment



Warning! For safety reasons, turn off all wireless or radio transmitting devices when using your laptop under the following conditions. These devices may include, but are not limited to: wireless lan (WLAN), Bluetooth and/or 3G.

Remember to follow any special regulations in force in any area, and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF exposure guidelines when used normally, and it and its antenna are positioned at least 1.5 centimeters (5/8 inches) away from your body (refer to the figure below). It should not contain metal and you should position the device the above-stated distance from your body. To successfully transmit data files or messages, this device requires a good quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure that the above separation distance instructions are followed until the transmission is completed. Parts of the device are magnetic. Metallic materials may be attracted to the device, and persons with hearing aids should not hold the device to the ear with the hearing aid. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

Medical devices

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF transmissions..

Pacemakers. Pacemaker manufacturers recommend that a minimum separation of 15.3 centimeters (6 inches) be maintained between wireless devices and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should do the following:

- Always keep the device more than 15.3 centimeters (6 inches) from the pacemaker
- Not carry the device near your pacemaker when the device is switched o. If you suspect interference, switch off your device, and move it.

Hearing aids. Some digital wireless devices may interfere with some hearing aids. If interference occurs, consult your service provider.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems, and air bag systems. For more information, check with the manufacturer, or its representative, of your vehicle or any equipment that has been added. Only qualified personnel should service the device, or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed, and the air bag inflates, serious injury could result. Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

Potentially explosive environments

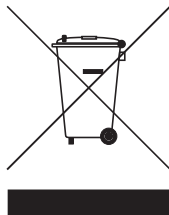
Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refueling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders.

Emergency calls

Warning: You cannot make emergency calls through this device. To make an emergency call you shall dial out through your mobile phone or other telephone call system.

Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit <http://global.acer.com/about/sustainability.htm>



Mercury advisory

For projectors or electronic products containing an LCD/CRT monitor or display: Lamp(s) inside this product contain mercury and must be recycled or disposed of according to local, state or federal laws. For more information, contact the Electronic Industries Alliance at www.eiae.org. For lamp-specific disposal information, check www.lamprecycle.org.





ENERGY STAR is a government program (public/private partnership) that gives people the power to protect the environment in a cost effective way and without sacrificing quality or product features. Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the US Environmental Protection Agency (EPA) and the US Department of Energy (DOE). In the average home, 75% of all electricity used to power home electronics is consumed while the products are turned off. ENERGY STAR qualified home electronic products in the off position use up to 50% less energy than conventional equipment. More information refers to <http://www.energystar.gov> and <http://www.energystar.gov/powermanagement>.

As an ENERGY STAR partner, Acer Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

This product has been shipped enabled for power management:

- Activate display' Sleep mode within 15 minutes of user inactivity.
- Activate computer's Sleep mode within 30 minutes of user inactivity.
- Wake the computer from Sleep mode by pushing power button.
- More power management settings can be done through Acer ePower Management.

Tips and information for comfortable use

Computer users may complain of eyestrain and headaches after prolonged use. Users are also at risk of physical injury after long hours of working in front of a computer. Long work periods, bad posture, poor work habits, stress, inadequate working conditions, personal health and other factors greatly increase the risk of physical injury.

Incorrect computer usage may lead to carpal tunnel syndrome, tendonitis, tenosynovitis or other musculoskeletal disorders. The following symptoms may appear in the hands, wrists, arms, shoulders, neck or back:

- numbness, or a burning or tingling sensation
- aching, soreness or tenderness
- pain, swelling or throbbing
- stiffness or tightness
- coldness or weakness

If you have these symptoms, or any other recurring or persistent discomfort and/or pain related to computer use, consult a physician immediately and inform your company's health and safety department.

The following section provides tips for more comfortable computer use.

Finding your comfort zone

Find your comfort zone by adjusting the viewing angle of the monitor, using a footrest, or raising your sitting height to achieve maximum comfort. Observe the following tips:

- refrain from staying too long in one fixed posture
- avoid slouching forward and/or leaning backward
- stand up and walk around regularly to remove the strain on your leg muscles
- take short rests to relax your neck and shoulders
- avoid tensing your muscles or shrugging your shoulders
- install the external display, keyboard and mouse properly and within comfortable reach
- if you view your monitor more than your documents, place the display at the center of your desk to minimize neck strain

Taking care of your vision

Long viewing hours, wearing incorrect glasses or contact lenses, glare, excessive room lighting, poorly focused screens, very small typefaces and low-contrast displays could stress your eyes. The following sections provide suggestions on how to reduce eyestrain.

Eyes

- Rest your eyes frequently.
- Give your eyes regular breaks by looking away from the monitor and focusing on a distant point.
- Blink frequently to keep your eyes from drying out.

Display

- Keep your display clean.
- Keep your head at a higher level than the top edge of the display so your eyes point downward when looking at the middle of the display.
- Adjust the display brightness and/or contrast to a comfortable level for enhanced text readability and graphics clarity.
- Eliminate glare and reflections by:
 - placing your display in such a way that the side faces the window or any light source
 - minimizing room light by using drapes, shades or blinds
 - using a task light
 - changing the display's viewing angle
 - using a glare-reduction filter
 - using a display visor, such as a piece of cardboard extended from the display's top front edge
- Avoid adjusting your display to an awkward viewing angle.
- Avoid looking at bright light sources, such as open windows, for extended periods of time.

Developing good work habits

Develop the following work habits to make your computer use more relaxing and productive:

- Take short breaks regularly and often.
- Perform some stretching exercises.
- Breathe fresh air as often as possible.
- Exercise regularly and maintain a healthy body.



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Warning! We do not recommend using the computer on a couch or bed. If this is unavoidable, work for only short periods, take breaks regularly, and do some stretching exercises.



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Note: For more information, please refer to "Regulations and safety notices" on page 55 in the **AcerSystem User's Guide**.

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Empowering Technology

Acer's innovative Empowering Technology makes it easy for you to access frequently used functions and manage your new Acer desktop.

Acer Empowering Technology

Acer's innovative Empowering Technology toolbar makes it easy for you to access frequently used functions and manage your new Acer computer. Displayed by default in the upper-right corner of your screen, it features the following handy utilities:

- **Acer eSettings Management** accesses system information and adjusts settings easily.
- **Acer eLock Management** limits access to external storage media and interfaces.
- **Acer eDataSecurity Management** protects data with passwords and advanced encryption algorithms.
- **Acer ePerformance Management** improves system performance by optimizing disk space, memory and registry settings.
- **Acer eAcoustics Management** offers a useful tool to balance your computing power needs with your desired level of quietness.
- **Acer eRecovery Management** backs up and recovers data flexibly, reliably and completely.
- **Acer eProtection Management** provides exceptional protection against viruses and other malware.



For more information, right click on the **Empowering Technology** toolbar, then select the Help or Tutorial function.

Empowering Technology password

Before using Acer eLock Management and Acer eRecovery Management, you must initialize the Empowering Technology password. Right-click on the **Empowering Technology** toolbar and select "**Password Setup**" to do so. If you do not initialize the Empowering Technology password, you will be prompted to do so when running Acer eLock Management or Acer eRecovery Management for the first time.



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If you lose your password, there is no method to reset it except by reformatting your computer or taking your computer to an Acer Customer Service Center. Be sure to remember or write down your password.

Acer eSettings Management

Acer eSettings Management allows you to inspect hardware specifications, change BIOS passwords or other Windows settings, and to monitor the system health status.

Acer eSettings Management also:

- Provides a simple graphical user interface for navigation.
- Displays general system status and advanced monitoring for power users on Acer computer.



Acer eLock Management

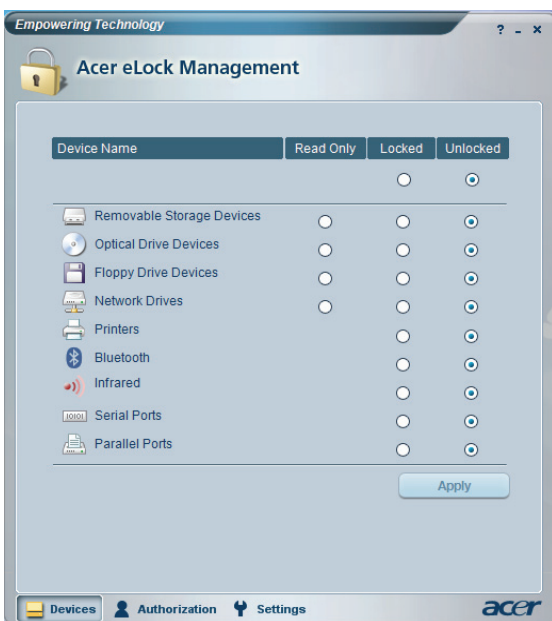
Acer eLock Management is a security utility that allows you to lock your removable data, optical and floppy drives to ensure that data can't be stolen while your computer is unattended.

- Removable data devices — includes USB disk drives, USB pen drives, USB flash drives, USB MP3 drives, USB memory card readers, IEEE 1394 disk drives and any other removable disk drives that can be mounted as a file system when plugged into the system.
- Optical drive devices — includes any kind of DVD-ROM drives.
- Floppy disk drives — 3.5-inch disks only.
- Interfaces — includes serial port, parallel port, infrared (IR), and Bluetooth.

To activate Acer eLock Management, a password must be set first. Once set, you can apply locks to any of the devices types. Lock(s) will immediately be set without any reboot necessary, and will remain locked after rebooting, until unlocked.



Note: If you lose your password, there is no method to reset it except by reformatting your computer or taking your computer to an Acer Customer Service Center. Be sure to remember or write down your password.



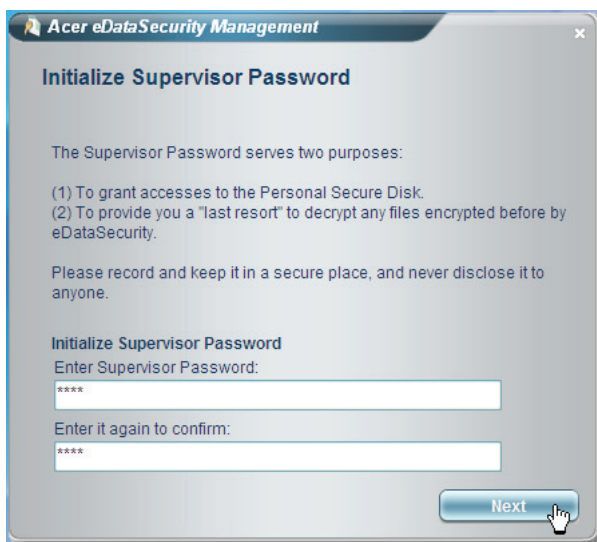
Acer eDataSecurity Management

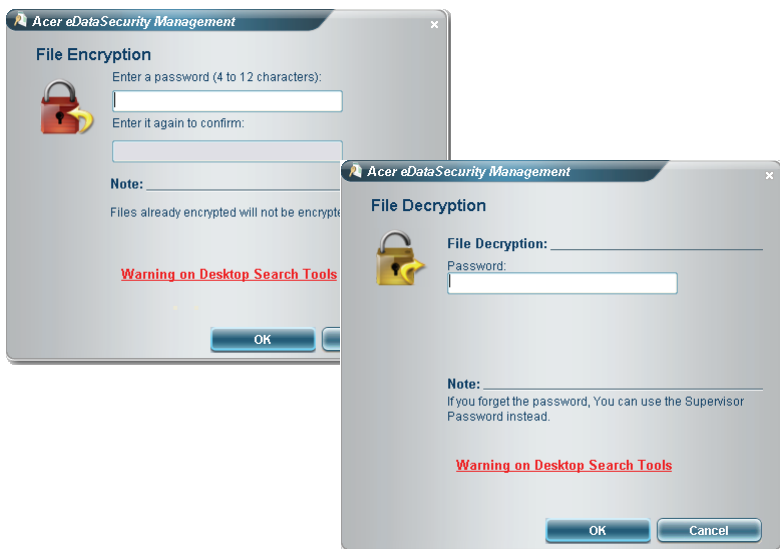
Acer eDataSecurity Management is a handy file encryption utility that protects your files from being accessed by unauthorized persons. It is conveniently integrated with Windows Explorer as a shell extension for quick and easy data encryption/decryption and also supports on-the-fly file encryption for MSN Messenger and Microsoft Outlook.

The Acer eDataSecurity Management setup wizard will prompt you for a supervisor password and default encryption. This encryption will be used to encrypt files by default, or you can choose to enter your own file-specific password when encrypting a file.



Note: The password used to encrypt a file is the unique key that the system needs to decrypt it. If you lose the password, the supervisor password is the only other key capable of decrypting the file. If you lose both passwords, there will be no way to decrypt your encrypted file! **Be sure to safeguard all related passwords!**

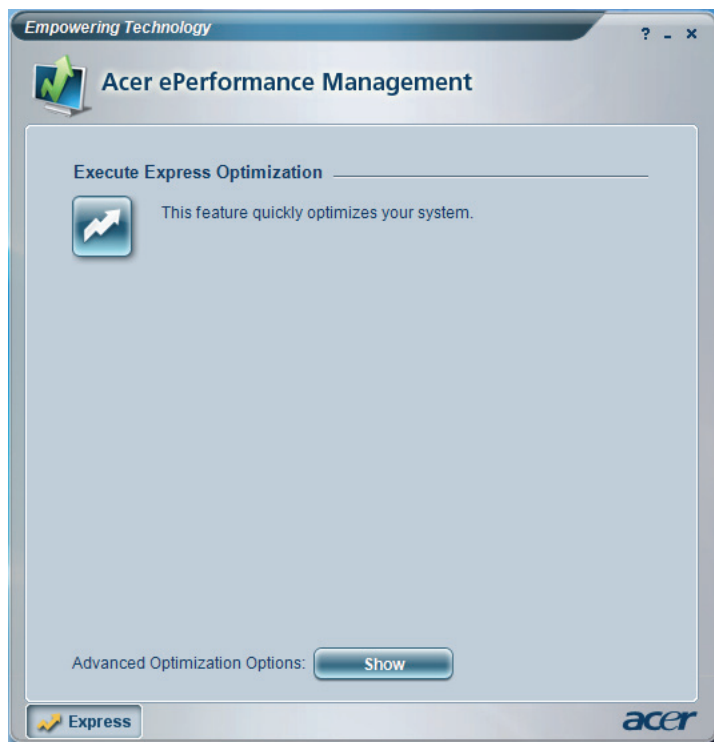




Acer ePerformance Management

Acer ePerformance Management is a system optimization tool that boosts the performance of your Acer computer. It provides an express optimization method to release unused memory and disk space quickly. The user can also enable advanced options for full control over the following options:

- Memory optimization — releases unused memory and check usage.
- Disk optimization — removes unneeded items and files.
- Speed optimization — improves the usability and performance of your Windows XP system.



Acer eAcoustics Management

Acer eAcoustics Management offers you a useful tool to balance your computing power needs with your desired level of quietness. By reducing the processor speed for tasks that require less processing, the CPU and system fans can run slower, thus reducing the amount of sound generated by these components.

Using Acer eAcoustics Management

To launch Acer eAcoustics Management:

- Click on the **Acer eAcoustics Management** icon in the Empowering Technology toolbar shown on your desktop.
- From the Start menu, go to **(All) Programs > Acer Empowering Technology > Acer eAcoustics Management**.



This will open the Acer eAcoustics Management main page.



Acer eAcoustics Management Main Page

Listed on the main page are two options for Acer eAcoustics Management, labeled as Quiet and Professional. Select the mode that suits your working requirements best, and exit the utility to apply the settings.

Quiet

Use this mode for tasks that require low processing power, like word processing, Web browsing, and instant messaging. This mode creates the lowest audio disturbance.

Professional Mode

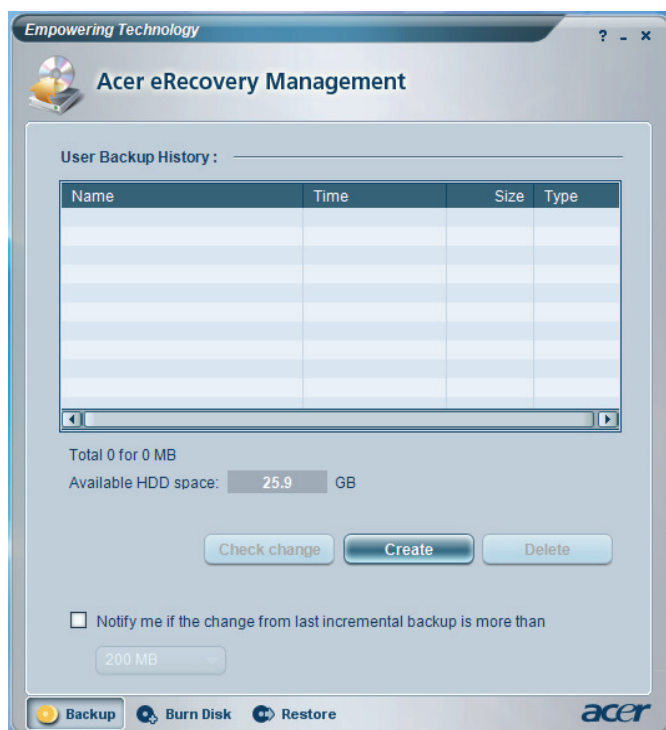
Use this mode for processing-intensive tasks, when you require full-speed operation.

Acer eRecovery Management

Acer eRecovery Management is a powerful utility that does away with the need for recovery disks provided by the manufacturer. The Acer eRecovery Management utility occupies space in a hidden partition on your system's hard drive. By default, user-created backups are stored on the D:\ drive.

Acer eRecovery Management provides you with:

- Password protection.
- Recovery of applications and drivers.
- Image/data backup:
 - Back up to HDD (set recovery point).
 - Back up to CD/DVD.
- Image/data recovery tools:
 - Recover from a hidden partition (factory defaults).
 - Recover from the HDD (most recent user-defined recovery point).
 - Recover from CD/DVD.





Note: If your computer did not come with a Recovery CD or System CD, please use Acer eRecovery Management's "System backup to optical disk" feature to burn a backup image to CD or DVD. To ensure the best results when recovering your system using a CD or Acer eRecovery Management, detach all peripherals (except the external Acer ODD, if your computer has one), including your Acer ezDock.

1 System tour

This chapter discusses the features and components of your computer.

Package contents

Before you unpack your computer, make sure that you have enough space to set up your computer.

Carefully unpack the carton and remove the contents. If any of the following items are missing or damaged, contact your dealer immediately:

Veriton computer or Veriton computer without optical drive



Items contained in the accessory box

- Keyboard
- Mouse



User's guide (for selected models), warranty card and installation poster



AC adapter and power cable



Other user documentation and third-party software

Accessing the User's Guide















This User's Guide is also available on your computer as an Adobe Acrobat PDF file.

To access the User's Guide (for Windows XP)

1. On the Windows XP taskbar, click on the **start** button then select **All Programs, AcerSystem**.
2. Click on **Veriton Series User's Guide**.

Front and rear panels

Your computer's front and rear panels consist of the following:

Icon	Component	Icon	Component
	Eject button		DVI port
	Power button		CRT/LCD monitor port
	Media activity		OBR (One Button Recovery) button
	LAN indicator / Network port		Line-out jack
	USB ports		Microphone-in jack
	Kensington lock		Headphone/Speaker-out/line-out port
	DC-in jack		Line-in jack

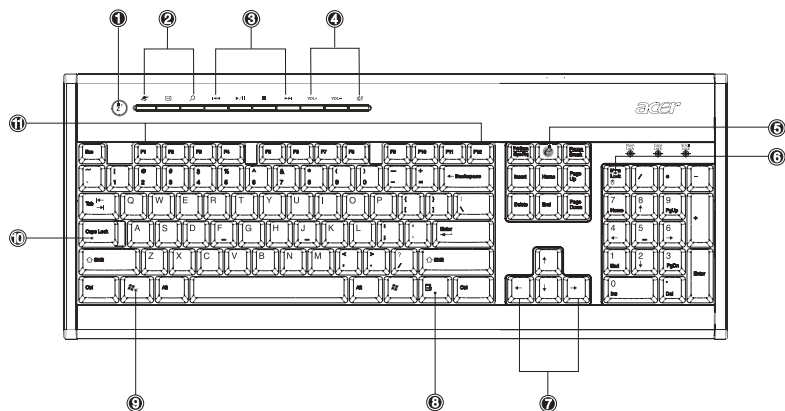


Note: See **"Connecting peripherals"** on page 26 and **"Connecting options"** on page 31 for more information.

Keyboard

The keyboard has full-sized keys that include separate cursor keys, two Windows keys, four multimedia keys, and 12 function keys.

For information on how to connect your keyboard, see **"Connecting your mouse and keyboard"** on page 26.



No.	Description	No.	Description
1	Sleep button	2	Internet/Email/Search keys
3	Multimedia keys	4	Volume control/mute keys
5	e key (Scroll Lock)	6	Num Lock key
7	Cursor keys	8	Application key
9	Windows logo key	10	Caps Lock key
11	Function keys		

Optical drive (for selected models)

Your computer may come with a DVD/CD-RW combo, DVD-Dual or DVD-Super multi drive. This drive is located on the front panel of your computer. The DVD drive allows you to play not only old CD-ROMs, CD-I disks, and video CDs, but digital video disks (DVDs) as well. The DVD-Dual and DVD-Super multi drive allow you to record or burn recordable and rewritable disks.

CDs and DVDs, like diskettes, are also compact, lightweight and easy to carry around. However, they are more delicate than diskettes and must be handled with extra care.

To eject the optical disk when the computer is turned on, press the drive eject button.



Taking care of your CDs and DVDs

- Keep your disk in its case when not in use to avoid scratches or other damage. Any kind of dirt or damage can affect the data on the disk, impair the disk lens reader on the CD or DVD drive, or stop the computer from successfully reading the disk.
- When handling disks, always hold them by the edges to avoid smudges or fingerprints.
- When cleaning disks, use a clean, dust-free cloth and wipe in a straight line from the center to the edge. Do not wipe in a circular motion.
- Clean your CD or DVD drive periodically. You may refer to the Cleaning Kit for instructions. Cleaning kits can be purchased in any computer or electronics shop.

2 Setting up your computer

This chapter contains step-by-step instructions on how to set up your computer and connect additional peripherals.

Arranging a comfortable work area

Working safely and comfortably begins with the arrangement of your work space and the proper use of equipment. For this reason, it is very important to take time and think about how you are going to arrange your work area. Refer to the diagram on the following page as you set up your system.

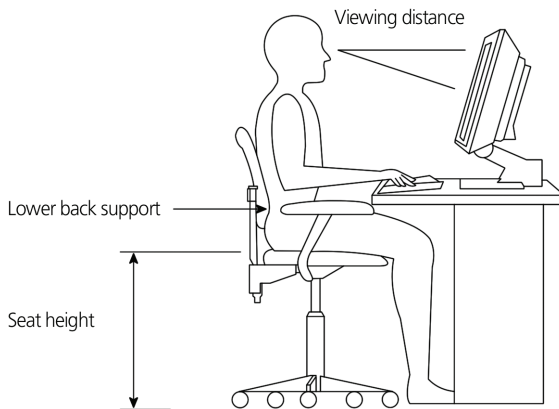
Here are some points to consider:

Adjusting your chair

Having the right kind of chair does not necessarily mean you'll be properly supported. It is necessary to adjust your chair to fit your body. Proper body posture will make you more comfortable and productive.

- Avoid tilting your chair. If you have a chair that tilts, lock the tilt knobs so that your chair will not tilt forward or backward while you are using your computer.
- Adjust your chair height in such a way that you can sit on it with your thighs parallel to the floor and your feet resting flat on the floor.
- Rest your body on the chair back. Your torso works harder to maintain balance if you do not rest your body on the chair back.

Positioning your PC



Take note of the following when selecting a location for your computer:

- Do not put your computer near any equipment that might cause electromagnetic or radio frequency interference, such as radio transmitters, televisions, copy machines or heating and air-conditioning equipment.
- Avoid dusty areas and extremes of temperature and humidity.
- You may place your computer beside your desk or under your table, as long as it does not block the space you need for working and moving.



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Warning: Do not cover the top mesh to prevent overheating.

- Your computer comes with a stand that can be easily installed or removed with a coin. Use the stand if you want to place your computer vertically.



Positioning your monitor

Place your monitor at a comfortable viewing distance, usually 50 to 60 cm away. Adjust the display in such a way that the top of the screen is at or slightly below eye level.

Positioning your keyboard

The location of the keyboard is a very important factor for your posture. Placing it too far away will make your body lean forward, forcing you to sit in an unnatural position. Placing it too high will add tension to your shoulder muscles.

- The keyboard should be placed just above your lap. Adjust the keyboard height by flipping the folding stands located under the keyboard.
- Keep your lower arms parallel to the floor as you type. Your upper arms and shoulders should be relaxed. Then try typing with a light touch. If you feel any shoulder or neck strain, stop for a while and check your posture.
- Position your keyboard in front of your monitor. Putting your keyboard beside your monitor will make you turn your head while you type which could add tension to your neck muscles.

Positioning your mouse

- The mouse should be placed on the same surface as your keyboard so that you can reach it with ease.
- Adjust its position to allow enough space for movement without making you stretch or lean over.
- Use your arm to move the mouse. Do not rest your wrist on the table when moving the mouse.


Connecting peripherals

Setting up your computer is easy. For the most part, you only have four things to connect: the mouse, the keyboard, the monitor, and the power cable.




Note: The peripherals shown in the connections below are for your reference only. Actual device models may vary in select countries.

Connecting your mouse and keyboard

Plug your USB mouse or keyboard cable into any of the USB ports  located on the front and rear panels of your computer.



Connecting a monitor

To connect a monitor, simply plug the monitor cable into the monitor port (blue port) or DVI port located on the rear panel of your computer . 



Note: Refer to the monitor manual for additional instructions and information.

Connecting the power cable

Make sure that the AC adapter is properly plugged into the computer and to the power outlet.



Caution: Before you proceed, check the voltage range in your area. Make sure that it matches your computer's voltage setting.



Note: Plug the power cable in tightly to avoid accidental shutdown.

Taking care of your AC adapter

Here are some ways to take care of your AC adapter:

- Do not connect the adapter to any other device.
- Do not step on the power cable or place heavy objects on top of it. Carefully route the power cable and any cables away from foot traffic.
- When unplugging the power cable, do not pull on the cord itself but pull on the plug.
- The total ampere ratings of the equipment plugged in should not exceed the ampere rating of the cord if you are using an extension cord. Also, the total current rating of all equipment plugged into a single wall outlet should not exceed the fuse rating.

Turning on your computer

After connecting the necessary peripherals and plugging in the power cable, you are now ready to turn the computer on and get to work.

To turn on your computer:

- 1 Turn on all peripherals connected to your computer, such as the monitor, printer, speakers, etc.
- 2 On the front panel of your computer, press the Power button.



Important: Make sure that the power cable is properly plugged into an electrical outlet. If you are using a power strip or an AVR (Auto-Voltage Regulator), make sure that it is plugged in and turned on.

Turning off your computer

To turn off your computer, follow the steps below.


For Windows XP:

- 1 On the Windows XP taskbar, click on the Start button, and click Turn Off Computer, then click Turn Off.
- 2 Turn off all peripherals connected to your computer.

If you cannot shut down your computer normally, press and hold the power button for at least four seconds. Quickly pressing the button may put the computer in suspend mode only.

Connecting options

Connecting to the network

You can connect your computer to a Local Area Network (LAN) using a network cable. To do so, simply plug the network cable into the network port  on the rear panel of your computer.



Note: Consult your network system administrator or operating system manual for information on how to configure your network setup.


Connecting multimedia devices

You can connect multimedia devices such as microphones, earphones or headphones, external speakers and audio line-in devices. These devices will let you take advantage of your computer's multimedia features.




Note: The multimedia devices shown below are for reference only. Actual device models may vary in selected countries.

Plug the devices in as follows:

- Microphone: Connects to the Microphone-in jacks  (pink jacks) located on the front and rear panels of your computer.




Note: For information on how to configure multimedia devices, consult the documentation that came with each device.

- Earphones, headphones: Connect to the headphone jack  located on the front panel of your computer.



Note: To adjust the headphone volume, use the volume control buttons on the keyboard. You can also adjust the volume by using the volume icon on the taskbar at the bottom of your screen.

- External speakers: Connect to the audio-out/line-out jack  (lime-green jack) located on the rear panel of your computer.



- Audio line-in device: Connects to the audio-in/line-in jack (🔊) (light blue jack) located on the rear panel of your computer



3 System utilities

This chapter describes applications that are preinstalled on your computer.

Depending on the hardware and optional features installed in your computer, your system came bundled with several program utilities designed to streamline your computer's operations. These utilities may include any of the following:

- Adobe Reader
- Norton AntiVirus
- NTI CD-Maker
- PowerDVD
- BIOS utility
- Acer Empowering Technology

If your computer is configured with Microsoft Windows XP, the following utilities can be used to monitor and maintain system health:


- Backup
- Disk Defragmenter

All of the applications that came with your computer are very easy to use. However, if you need more help or information, you may refer to the online help documentation provided in each software application.

Adobe Reader

Adobe Reader is software that lets you view, navigate, browse and print Adobe Portable Document Format (PDF) files on all major computer platforms.



To read a PDF document  you can:

- Simply double click on any file with an icon like that shown above.

or

- 1 On the windows taskbar, click on the **Start** button, highlight Programs, and select Adobe Reader.
- 2 Once the program is running, select Open from the File menu.
- 3 Select the file you wish to view in the Open file browser and click the **Open** button.

For more information about Adobe Reader, you may refer to the Adobe Reader Help menu.

Norton AntiVirus (for selected models)

Norton AntiVirus is an anti-virus software that finds and repairs infected files, and protects against viruses to keep your computer data safe and secure.

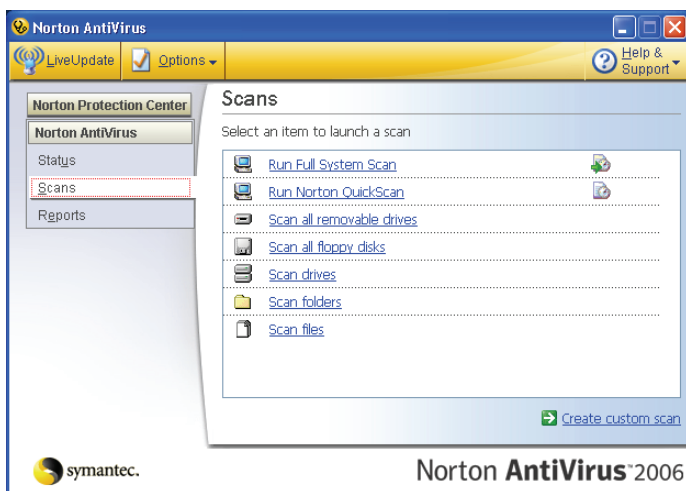
How do I check for viruses?

A Full System Scan scans all files on your computer. To perform a system scan:

- 1 Start Norton AntiVirus.

Double click on the **Norton AntiVirus** icon on the desktop or click on the **Start** menu in the Windows taskbar, highlight **Programs**, and select **Norton AntiVirus**.

- 2 In the Norton AntiVirus main window, click **Scans**.



- 3 In the **Scans** panel, click **Run Full System Scan**.
- 4 When the scan is complete, a scan summary appears. Click **Finished**.

You can schedule customized virus scans that run unattended on specific dates and times or at periodic intervals. If you are using the computer when the scheduled scan begins, it runs in the background so that you do not have to stop working.


For more information refer to the Norton AntiVirus Help menu.

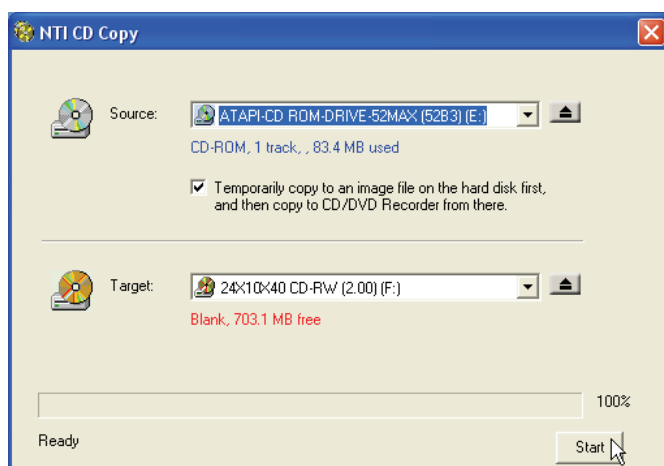
NTI CD&DVD-Maker

(for models with CD or DVD Burner)

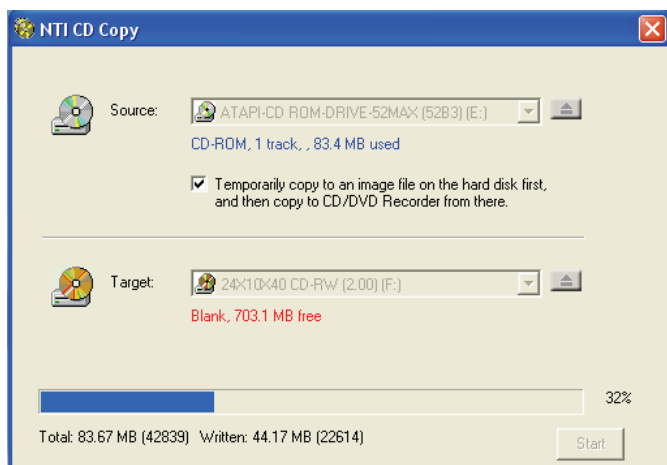
The NTI CD&DVD-Maker is optical disk-recording software that allows you to create and copy audio, data and videos to recordable or rewritable optical disks.

To copy an audio or data disk:

- 1 Click the **Quick Burning** icon  on the desktop.
- 2 Insert the CD you would like to copy into the source drive and a blank disk into the target drive.
- 3 Choose the source and target drives from the pull-down lists.



- 4 Click the **Start** button to begin copying.



For more information about NTI CD&DVD-Maker and its other features, refer to the NTI CD&DVD-Maker Help menu.

PowerDVD (for models with DVD)

PowerDVD is a high-quality, pure software DVD player that brings high-quality movies and karaoke to your multimedia PC. You can play back high-resolution DVD titles or MPEG-2 files with MPEG-2 video and Dolby Digital (AC-3) audio. PowerDVD provides a complete set of commands for navigation and advanced features such as multi-angle switching, multi-language and multi-subtitle selection, and parental control. It also has the i-Power Internet Enabling feature, which links to online DVD resources via the Power DVD Desktop Portal Page.


How do I open and watch a DVD?

In most cases, when you insert a DVD into your computer's optical drive, PowerDVD will automatically open a viewer window and the control panel and begin playing.



If PowerDVD does not open automatically:

- 1 Click the **Start** button in the taskbar.
- 2 Highlight All Programs.
- 3 Click the **Cyberlink PowerDVD** tab.
- 4 Select PowerDVD.

When PowerDVD opens, simply press the play button  to begin playback.

For more information about Cyberlink PowerDVD and its other features, refer to the PowerDVD Help menu.

BIOS utility

The BIOS utility is a hardware configuration program built into your computer's Basic Input/Output System (BIOS). Since most computers are already properly configured and optimized, there is no need to run this utility. However, if you encounter configuration problems and get the "Run Setup" message, you will need to run this utility.



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Note: Before you run BIOS, make sure that you have saved all open files. The computer reboots immediately after you exit Setup.

To run the BIOS utility, press the **Del** key on your keyboard during computer boot up.

Reinstalling programs

If you uninstall one of the preinstalled programs and want to reinstall it, do the following:

- 1 Make sure that the system is turned on.
- 2 Insert the System CD into the CD or DVD drive.
- 3 Select the application that you want to reinstall.
- 4 Follow all onscreen instructions until you finish the installation.

Recovering your system

If your operating system files are lost or damaged, the recovery process will restore your system's original factory default settings or last system backup. Your Veriton series computer includes an OBR(One Button Recovery) button, a feature that makes restoring your system quick and easy.

OBR works from a hidden partition on your hard drive that contains all the information required to restore your system.

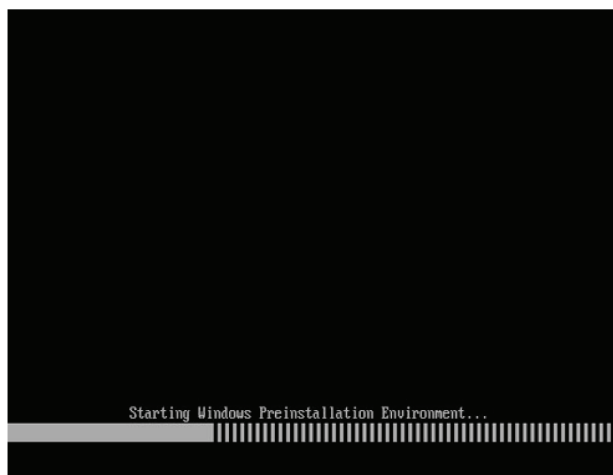
There are two modes to recovery your system. One is from system's original settings and another is from system backup. You can press Alt + F10 after the BIOS finishes running the Power On Self Test (POST).



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Warning: Initiating the recovery operation while the operating system is running will result in abnormal shutdown and may make your current OS unstable or unusable.

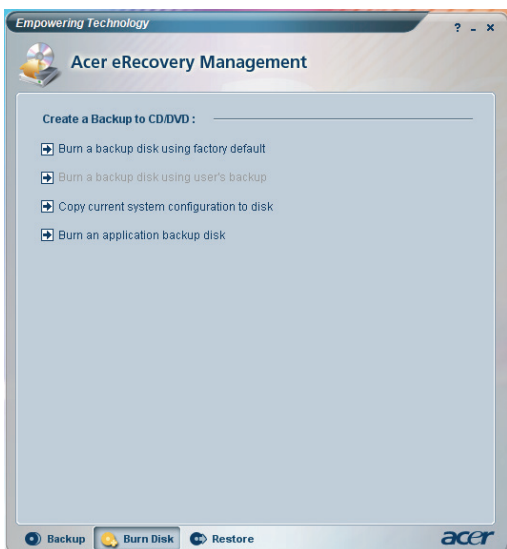
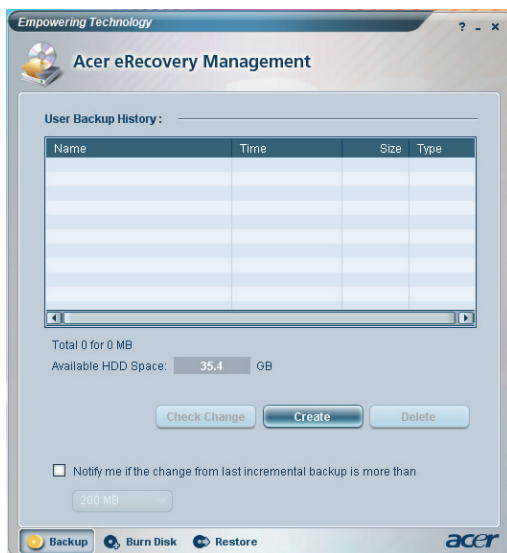
After the POST runs, Press Alt + F10 combine key during BIOS to enter hidden partition. This utility has same password protection with Acer eRecovery. Follow all onscreen instructions.



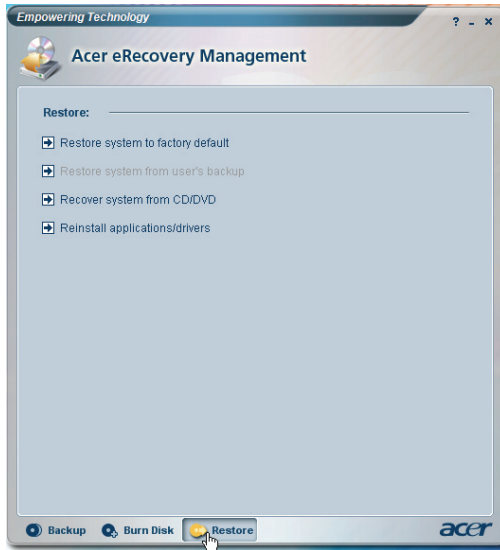
You can also follow the steps below:

- 1 Locate the OBR button.
- 2 Press the button. You can change the password in Acer eRecovery.

- a If you have not yet backed-up your system.

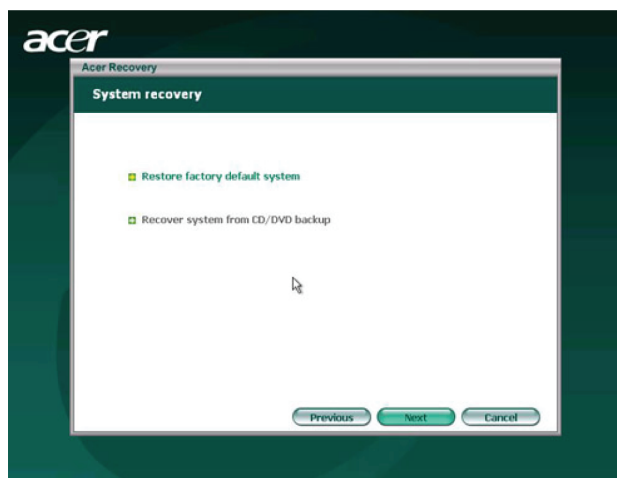


- b If you have previously backed-up your system.

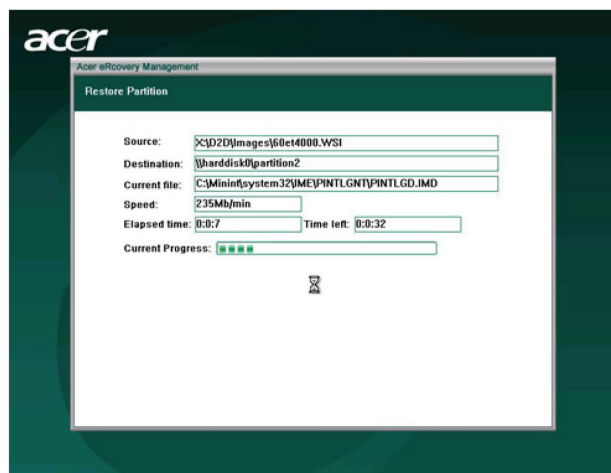


- 3 Select "Recover to Default Settings" to restore your system to the default factory settings. Select "Recover data from last backup" to restore your system to the last system backup.

- 4 If you chose the recovery option, you should see the following screen. Click **OK** to continue.



- 5 After 15 seconds the system will reboot and initiate the restore operation.



- 6 After the recovery operation finishes the system will reboot. You will be required to go through the setup process again.



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Caution! Running the Recovery operation will erase all files previously saved in your computer so make sure to back up your important files before starting the recovery process.



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Note : This feature occupies 4GB in a hidden partition on your hard drive.

If you attempt to restore your system using the One Button Recovery feature, and the system DOES NOT respond, contact your local vendor or authorised Acer representative immediately.

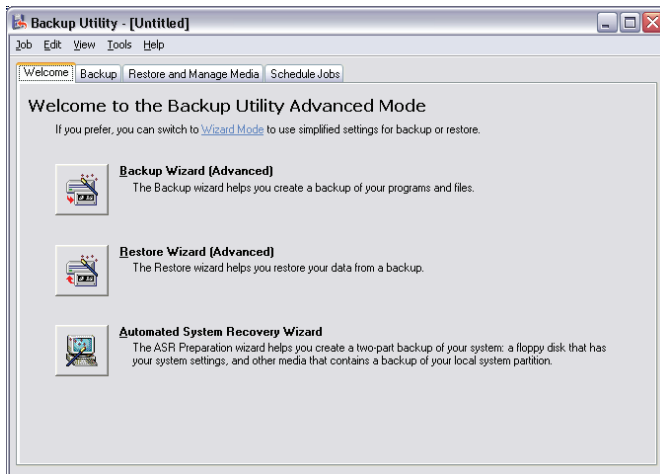
Using backup (Windows XP only)

The Backup utility creates copies of information on your hard disk. In the event that the original data on your hard disk is erased or overwritten, or becomes inaccessible because of a hard disk malfunction, you can use the copy to restore your lost or damaged data.

How do I back up files from my hard drive?

To run the Backup utility:

- 1 Click the **Start** button in the taskbar.
- 2 Highlight All Programs
- 3 Click **Accessories**
- 4 Select System Tools
- 5 Click **Backup**



When Backup starts, follow the onscreen instructions to set up your backup profile and schedule.

For more information about Backup, refer to Windows XP help.

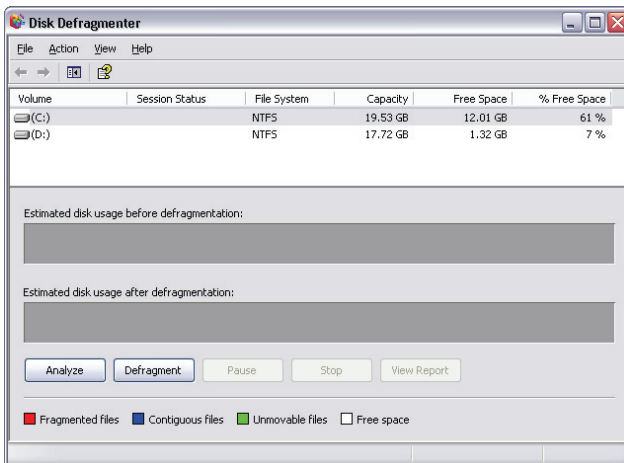
Disk defragmenter (Windows XP only)

The disk defragmentation utility consolidates files and folders on your computer's hard disk. This allows your computer to access files and folders and save new data more efficiently. By consolidating your files and folders, the defragmenter also consolidates the volume's free space, making it less likely that new files will be fragmented.

How do I defragment my hard drive?

To run the Disk Defragmenter:

- 1 Click the **Start** button in the taskbar.
- 2 Highlight All Programs
- 3 Click **Accessories**
- 4 Select System Tools
- 5 Click **Disk Defragmenter**



When Disk Defragmenter opens, select a drive/volume and click **Analyze**. The system will quickly examine the volume and determine whether or not it needs to be defragmented.

For more information about Disk Defragmenter, refer to Windows XP help.

4 Frequently asked questions

This chapter tells you what to do in case your computer is not working properly. However, if a more serious problem arises, contact your dealer or the technical support center (www.acersupport.com) for assistance.

Frequently asked questions

The following questions indicate possible situations that may arise during the use of your computer and each is followed by easy answers and solutions.

I pressed the power switch but the system did not boot up.

Check the LED located above the power switch.

If the LED is not lit, no power is being applied to the system. Try the following:

- Check if you properly plugged the power cable into an electrical outlet.
- If you are using a power strip or AVR, make sure it is plugged in and turned on.

If the LED is lit, check the following:

- Is a nonbootable (nonsystem) diskette in the floppy drive? If yes, remove or replace it with a system diskette and press <Ctrl> + <Alt> + to restart your computer.
- The operating system files may be damaged or missing. Insert the startup disk you created during Windows setup into the floppy drive and press <Ctrl> + <Alt> + to restart your computer. This will automatically diagnose your system and make necessary fixes. However, if the diagnostic utility still reports a problem, then you may have to perform the recovery process to restore your system to its original default factory settings.



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Note: For more information about recovering your system, see "**Acer eRecovery Management**" on page 11.

Nothing appears on the screen.

Your computer's power management function automatically blanks the screen to save power. Just press any key to turn the display back on.

If pressing a key does not work, you can restart your computer. If restarting your computer does not work, contact your dealer or technical support center for assistance.

The printer does not work.

Do the following:

- Make sure the printer is connected to a power outlet and that it is turned on.
- Make sure the printer cable is connected securely to the system's parallel or USB port and the corresponding port on the printer.
- For additional information concerning the printer, refer to the printer's documentation.

No sound comes out from the computer.

Check the following:

- The volume may be muted. Look for the Volume icon on the taskbar. If it is crossed-out, click on the icon and deselect the **Mute** option. You can also press the volume control/mute knob on your USB keyboard to toggle from mute to sound on.
- If headphones, earphones or external speakers are connected to the line-out jack of your computer, the internal or built-in speakers are automatically turned off.

System cannot read diskette, hard disk, CD or DVD information.

Check the following:

- Make sure you are using the correct type of disk.
- Make sure the CD or DVD is inserted into the drive correctly.
- Check if the CD or DVD is clean and unscratched.
- Check your drive by using a good (undamaged) disk. If your drive can not read the information on the good disk there may be a problem with the drive. Contact your dealer or technical support center for assistance.

System cannot write data on the hard disk or CD-R/CD-RW.

Check the following:

- Make sure the diskette or hard disk is not write-protected.
- Make sure you are using the correct type of disk or diskette.

Regulations and safety notices

FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this computer.

Operation conditions

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference,

and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Declaration of Conformity for EU countries

Hereby, Acer, declares that this PC series is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Compliant with Russian regulatory certification



ME61

Modem notices

Notice for USA

This equipment complies with Part 68 of the FCC rules. Located on the modem is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. Upon request, you must provide this information to your telephone company.

If your telephone equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But, if advance notice is not practical, you will be notified as soon as possible. You will also be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If this equipment should fail to operate properly, disconnect the equipment from the phone line to determine if it is causing the problem. If the problem is with the equipment, discontinue use and contact your dealer or vendor.



Caution: To reduce the risk of fire, use only No. 26 AWG or larger UL Listed or CSA Certified Telecommunication Line Cord.

TBR 21

This equipment has been approved [Council Decision 98/482/EC - "TBR 21"] for single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN termination point. In the event of problems, you should contact your equipment supplier in the first instance.

List of applicable countries

EU member states as of May 2004 are: Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland, Sweden, United Kingdom Estonia, Latvia, Lithuania, Poland, Hungary, Czech Republic, Slovak Republic, Slovenia, Cyprus and Malta. Usage allowed in the countries of European Union, as well as Norway, Switzerland, Iceland and Liechtenstein. This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact local office in the country of use.

Notice for Australia

For safety reasons, only connect headsets with a telecommunications compliance label. This includes customer equipment previously labelled permitted or certified.

Notice for New Zealand

- 1 The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.
- 2 This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in such circumstances.
- 3 Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment (PC) associated with this device. The associated equipment shall be set to operate within the following limits for compliance with Telecom's Specifications:
 - a There shall be no more than 10 call attempts to the same number within any 30 minute period for any single manual call initiation, and
 - b The equipment shall go on-hook for a period of not less than 30 seconds between the end of one attempt and the beginning of the next call attempt.
- 4 Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment (PC) associated with this device. In order to operate within the limits for compliance with Telecom's specifications, the associated equipment shall be set to ensure that automatic calls to different numbers are spaced such that there is not less than 5 seconds between the end of one call attempt and the beginning of another.
- 5 This equipment shall not be set up to make automatic calls to Telecom's 111 Emergency Service.
- 6 This device is equipped with pulse dialing while the Telecom standard is DTMF tone dialing. There is no guarantee that Telecom lines will always continue to support pulse dialing.
- 7 Use of pulse dialing, when this equipment is connected to the same line as other equipment, may give rise to bell tinkle or noise and may also cause a false answer condition. Should such problems occur, the user should NOT contact the telecom Fault Service.
- 8 This equipment may not provide for the effective hand-over of a call to another device connected to the same line.
- 9 Under power failure conditions this appliance may not operate. Please ensure that a separate telephone, not dependent on local power, is available for emergency use.

Laser compliance statement

The CD or DVD drive used with this computer is a laser product.
The CD or DVD drive's classification label (shown below) is located on the drive.

CLASS 1 LASER PRODUCT

CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.

APPAREIL A LASER DE CLASSE 1 PRODUIT

LASERATTENTION: RADIATION DU FAISCEAU LASER INVISIBLE EN CAS D'OUVERTURE. EVITER TOUTE EXPOSITION AUX RAYONS.

LUOKAN 1 LASERLAITE LASER KLASSE 1

VORSICHT: UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHLL AUSSETZEN

PRODUCTO LÁSER DE LA CLASE I

ADVERTENCIA: RADIACIÓN LÁSER INVISIBLE AL SER ABIERTO. EVITE EXPONERSE A LOS RAYOS.

ADVARSEL: LASERSTRÅLING VEDÅBNING SE IKKE IND I STRÅLEN.

VARO! LAVATTAESSA OLET ALTTIIN LASERSÄTEILYLLÄ.

VARNING: LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD ÄLÅ TUIJOTA SÄTEESEENSTIRRA EJ IN I STRÅLEN

VARNING: LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNADSTIRRA EJ IN I STRÅLEN

ADVARSEL: LASERSTRÅLING NÄR DEKSEL ÅPNESSTIRR IKKE INN I STRÅLEN

LCD pixel statement

The LCD unit is produced with high-precision manufacturing techniques. Nevertheless, some pixels may occasionally misfire or appear as black or red dots. This has no effect on the recorded image and does not constitute a malfunction.

Macrovision copyright protection notice

"U.S Patent Nos. 4,631,603; 4,819,098; 4,907,093; 5,315,448; and 6,516,132."

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

Radio device regulatory notice



Note: Below regulatory information is for models with wireless LAN and/or Bluetooth only.

General

This product complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Depending on configurations, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules). Below information is for products with such devices.

European Union (EU)

R&TTE Directive 1999/5/EC as attested by conformity with the following harmonized standard:

- **Article 3.1(a) Health and Safety**
 - EN60950-1:2001
 - EN50371:2002
- **Article 3.1(b) EMC**
 - EN301 489-1 V1.4.1:2002
 - EN301 489-17 V1.2.1:2002
 - EN301 489-3 V1.4.1:2002 (Applied to models with 27MHz wireless mouse/keyboard)
 - EN301 489-7 V1.2.1:2002 (Applied to models with 3G function)
 - EN301 489-24 V1.2.1:2002 (Applied to models with 3G function)
- **Article 3.2 Spectrum Usages**
 - EN300 328 V1.5.1:2004
 - EN301 893 V1.2.3:2003
 - EN300 220-1 V1.3.1:2000 (Applied to models with 27MHz wireless mouse/keyboard)
 - EN300 220-3 V1.1.1:2000 (Applied to models with 27MHz wireless mouse/keyboard)



List of applicable countries

EU member states as of May 2004 are: Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland, Sweden, United Kingdom, Estonia, Latvia, Lithuania, Poland, Hungary, Czech Republic, Slovak Republic, Slovenia, Cyprus and Malta. Usage allowed in the countries of European Union, as well as Norway, Switzerland, Iceland and Liechtenstein. This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact local office in the country of use.

The FCC RF safety requirement

The radiated output power of the wireless LAN Card and Bluetooth card is far below the FCC radio frequency exposure limits. Nevertheless, the PC series shall be used in such a manner that the potential for human contact during normal operation is minimized as follows:

- 1 Users are requested to follow the RF safety instructions on wireless option devices that are included in the user's manual of each RF option device.



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Caution: To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm (8 inches) must be maintained between the antenna for the integrated wireless LAN Card and all persons.



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Note: The Acer wireless adapter implements a transmission diversity function. The function does not emit radio frequencies simultaneously from both antennas. One of the antennas is selected automatically or manually (by users) to ensure good quality radiocommunication.

Canada — Low-power license-exempt radio communication devices (RSS-210)

- a Common information
Operation is subject to the following two conditions:

1. This device may not cause interference, and
 2. This device must accept any interference, including interference that may cause undesired operation of the device.
- b Operation in 2.4 GHz band
To prevent radio interference to the licensed service, this device is intended to be operated indoors and installation outdoors is subject to licensing.
- c Operation in 5 GHz band

Federal Communications Commission Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

The following local manufacturer/importer is responsible for this declaration:

Product name:	PC
Machine type:	Veriton 1000
SKU number:	Veriton 100xx ("x" = 0 - 9, a - z, or A - Z)
Name of responsible party:	Acer America Corporation
Address of responsible party:	2641 Orchard Parkway San Jose, CA 95134 USA
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We,

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Contact Person: Mr. Easy Lai

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Hereby declare that:

Product: Personal Computer

Trade Name: Acer

Machine Type: Veriton 1000

SKU Number: Veriton 100xx ("x" = 0~9, a ~ z, or A ~ Z)

Is compliant with the essential requirements and other relevant provisions of the following EC directives, and that all the necessary steps have been taken and are in force to assure that production units of the same product will continue comply with the requirements.

EMC Directive 89/336/EEC as attested by conformity with the following harmonized standards:

- EN55022:1998 + A1:2000 + A2:2003, AS/NZS CISPR22:2002, Class B
- EN55024:1998 + A1:2001 + A2:2003
- EN61000-3-2:2000, Class D
- EN61000-3-3:1995 + A1:2001
- EN55013:2001 + A1:2003 (applied to models with TV function)
- EN55020:2002 + A1:2003 (applied to models with TV function)

Low Voltage Directive 73/23/EEC as attested by conformity with the following harmonized standard:

- **EN60950-1:2001**
- **EN60065:2002 (applied to models with TV function)**

Council Decision 98/482/EC (CTR21) for pan- European single terminal connection to the Public Switched Telephone Network (PSTN).

RoHS Directive 2002/95/EC on the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment

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